| L Number | Hits | Search Text | DB | Time stamp |
|---|---|---|---|---|
| - | 3 | (marc$2 and duncan).xa. and severity | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/09/07 14:16 |
| - | 2 | ("5963911").PN. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/09/07 11:56 |
| - | 3285 | (709/224).CCLS. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/09/07 12:43 |
| - | 4 | (("5596716") or ("5666481") or ("5963911") or ("6131112")).PN. | USPAT; US-PGPUB | 2004/09/07 12:43 |
| - | 4 | ("5253184" \| "5311422" \| "5317725" \| "5333314").PN. | USPAT | 2004/09/07 14:03 |
| - | 47 | 5666481.URPN. | USPAT | 2004/09/07 14:03 |
| - | 25 | ("4456994" \| "4517468" \| "4972453" \| "5394549" \| "5455933" \| "5469498" \| "5546502" \| "5829001" \| "5894573" \| "5901320" \| "5906656" \| "5919247" \| "5944839" \| "5960170" \| "5983364" \| "6026500" \| "6029258" \| "6035423" \| "6145096" \| "6247151" \| "6260048" \| "6298457" \| "6370542" \| "6473659" \| "6487677").PN. | USPAT | 2004/09/07 14:14 |
| - | 0 | 6742141.URPN. | USPAT | 2004/09/07 14:14 |
| - | 3 | (US-6735721-$ or US-6742141-$ or US-6769071-$).did. | USPAT | 2004/09/07 14:16 |
| - | 75 | ((((("5253184" \| "5311422" \| "5317725" \| "5333314").PN.) 5666481.URPN. (("4456994" \| "4517468" \| "4972453" \| "5394549" \| "5455933" \| "5469498" \| "5546502" \| "5829001" \| "5894573" \| "5901320" \| "5906656" \| "5919247" \| "5944839" \| "5960170" \| "5983364" \| "6026500" \| "6029258" \| "6035423" \| "6145096" \| "6247151" \| "6260048" \| "6298457" \| "6370542" \| "6473659" \| "6487677").PN.)) not ((((("5596716") or ("5666481") or ("5963911") or ("6131112")).PN.) ((US-6735721-$ or US-6742141-$ or US-6769071-$).did.))) and (@ad<=20020228 @pd<=20020228 @rlad<=20020228 @prad<=20020228) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/09/07 17:30 |
| - | 613 | ((help adj desk$1) helpdesk$1) and network$3 and (severity severe priority priorities severities) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/09/07 14:19 |
| - | 470 | ((help adj desk$1) helpdesk$1) and network$3 and (severity severe priority priorities severities).detd. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/09/07 14:19 |

| - | 66 | ("4893248" \| "5131020" \| "5287270" \| "5325290" \| "5452446" \| "5475836" \| "5483596" \| "5491779" \| "5530744" \| "5548726" \| "5563805" \| "5602918" \| "5621727" \| "5623601" \| "5649182" \| "5666481" \| "5671354" \| "5689645" \| "5692030" \| "5696906" \| "5699403" \| "5706502" \| "5708780" \| "5721908" \| "5721913" \| "5727129" \| "5734709" \| "5734831" \| "5742762" \| "5742768" \| "5742905" \| "5745754" \| "5754830" \| "5764756" \| "5768501" \| "5774660" \| "5778178" \| "5781550" \| "5781632" \| "5787160" \| "5790780" \| "5790789" \| "5790797" \| "5793694" \| "5793762" \| "5793964" \| "5796393" \| "5799154" \| "5802320" \| "5805803" \| "5812654" \| "5815080" \| "5815665" \| "5819225" \| "5819271" \| "5826029" \| "5826269" \| "5835084" \| "5844896" \| "5845067" \| "5845267" \| "5850517" \| "5852810" \| "5852812" \| "5877759" \| "5909679").PN. | USPAT | 2004/09/07 14:38 |
| - | 43 | 6032184.URPN. | USPAT | 2004/09/07 14:38 |
| - | 9 | ("4356545" \| "5274803" \| "5287505" \| "5367667" \| "5563946" \| "5737726" \| "5768523" \| "5862322" \| "6151683").PN. | USPAT | 2004/09/07 17:26 |
| - | 21 | 6298457.URPN. | USPAT | 2004/09/07 17:26 |
| - | 8 | ("4823343" \| "5084875" \| "5159685" \| "5317676" \| "5367667" \| "5455901" \| "5606674" \| "5608874").PN. | USPAT | 2004/09/07 17:29 |
| - | 10 | 6026500.URPN. | USPAT | 2004/09/07 17:29 |

| | | | | |
|---|---|---|---|---|
| – | 131 | `(((("4893248" \| "5131020" \| "5287270" \| "5325290" \| "5452446" \| "5475836" \| "5483596" \| "5491779" \| "5530744" \| "5548726" \| "5563805" \| "5602918" \| "5621727" \| "5623601" \| "5649182" \| "5666481" \| "5671354" \| "5689645" \| "5692030" \| "5696906" \| "5699403" \| "5706502" \| "5708780" \| "5721908" \| "5721913" \| "5727129" \| "5734709" \| "5734831" \| "5742762" \| "5742768" \| "5742905" \| "5745754" \| "5754830" \| "5764756" \| "5768501" \| "5774660" \| "5778178" \| "5781550" \| "5781632" \| "5787160" \| "5790780" \| "5790789" \| "5790797" \| "5793694" \| "5793762" \| "5793964" \| "5796393" \| "5799154" \| "5802320" \| "5805803" \| "5812654" \| "5815080" \| "5815665" \| "5819225" \| "5819271" \| "5826029" \| "5826269" \| "5835084" \| "5844896" \| "5845067" \| "5845267" \| "5850517" \| "5852810" \| "5852812" \| "5877759" \| "5909679").PN.) 6032184.URPN. (("4356545" \| "5274803" \| "5287505" \| "5367667" \| "5563946" \| "5737726" \| "5768523" \| "5862322" \| "6151683").PN.) 6298457.URPN. (("4823343" \| "5084875" \| "5159685" \| "5317676" \| "5367667" \| "5455901" \| "5606674" \| "5608874").PN.) 6026500.URPN.) not ((("5253184" \| "5311422" \| "5317725" \| "5333314").PN.) 5666481.URPN. (("4456994" \| "4517468" \| "4972453" \| "5394549" \| "5455933" \| "5469498" \| "5546502" \| "5829001" \| "5894573" \| "5901320" \| "5906656" \| "5919247" \| "5944839" \| "5960170" \| "5983364" \| "6026500" \| "6029258" \| "6035423" \| "6145096" \| "6247151" \| "6260048" \| "6298457" \| "6370542" \| "6473659" \| "6487677").PN.) ((("5596716") or ("5666481") or ("5963911") or ("6131112")).PN.) ((US-6735721-$ or US-6742141-$ or US-6769071-$).did.))) and (@ad<=20020228 @pd<=20020228 @rlad<=20020228 @prad<=20020228)` | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/09/08 08:38 |
| – | 0 | `6763333.URPN.` | USPAT | 2004/09/07 18:32 |
| – | 0 | `6757850.URPN.` | USPAT | 2004/09/07 18:36 |
| – | 2 | `("4823343").PN.` | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/09/08 08:31 |
| – | 1 | `"4654852".PN.` | USPAT | 2004/09/08 08:32 |
| – | 42 | `4823343.URPN.` | USPAT | 2004/09/08 08:32 |
| – | 11 | `("4464543" \| "5285494" \| "5937048" \| "5958010" \| "6032184" \| "6064304" \| "6064723" \| "6131112" \| "6134318" \| "6148335" \| "6219648").PN.` | USPAT | 2004/09/08 08:33 |
| – | 5 | `6389426.URPN.` | USPAT | 2004/09/08 08:33 |
| – | 9 | `("4464543" \| "4937825" \| "5287505" \| "5295244" \| "5309448" \| "5333183" \| "5367667" \| "5446883" \| "5568618").PN.` | USPAT | 2004/09/08 08:37 |
| – | 20 | `5862322.URPN.` | USPAT | 2004/09/08 08:37 |

| - | 13 | ("4464543" \| "4972453" \| "5784359" \| "5875242" \| "5896440" \| "5930333" \| "5946372" \| "5946375" \| "5953389" \| "6005920" \| "6032184" \| "6219648" \| "6230287").PN. | USPAT | 2004/09/08 08:37 |
|---|---|---|---|---|
| - | 1 | 6385298.URPN. | USPAT | 2004/09/08 08:37 |
| - | 8 | ("4916733" \| "5463768" \| "5692030" \| "5721913" \| "5778049" \| "5926100" \| "5946372" \| "6032184").PN. | USPAT | 2004/09/08 08:37 |
| - | 42 | ("3783255" \| "3784801" \| "3805038" \| "4873687" \| "5182705" \| "5325517" \| "5367667" \| "5487148" \| "5551043" \| "5557515" \| "5603038" \| "5708775" \| "5742762" \| "5748884" \| "5758071" \| "5802304" \| "5815652" \| "5862322" \| "5893905" \| "5961594" \| "5996010" \| "6023507" \| "6026500" \| "6029258" \| "6047261" \| "6112235" \| "6145001" \| "6170067" \| "6199180" \| "6205579" \| "6219708" \| "6230286" \| "6230287" \| "6260048" \| "6260160" \| "6289378" \| "6308205" \| "6339789" \| "6363421" \| "6393475" \| "6430595" \| "6446134").PN. | USPAT | 2004/09/08 08:37 |
| - | 330 | (((("4893248" \| "5131020" \| "5287270" \| "5325290" \| "5452446" \| "5475836" \| "5483596" \| "5491779" \| "5530744" \| "5548726" \| "5563805" \| "5602918" \| "5621727" \| "5623601" \| "5649182" \| "5666481" \| "5671354" \| "5689645" \| "5692030" \| "5696906" \| "5699403" \| "5706502" \| "5708780" \| "5721908" \| "5721913" \| "5727129" \| "5734709" \| "5734831" \| "5742762" \| "5742768" \| "5742905" \| "5745754" \| "5754830" \| "5764756" \| "5768501" \| "5774660" \| "5778178" \| "5781550" \| "5781632" \| "5787160" \| "5790780" \| "5790789" \| "5790797" \| "5793694" \| "5793762" \| "5793964" \| "5796393" \| "5799154" \| "5802320" \| "5805803" \| "5812654" \| "5815080" \| "5815665" \| "5819225" \| "5819271" \| "5826029" \| "5826269" \| "5835084" \| "5844896" \| "5845067" \| "5845267" \| "5850517" \| "5852810" \| "5852812" \| "5877759" \| "5909679").PN.) 6032184.URPN. (("4356545" \| "5274803" \| "5287505" \| "5367667" \| "5563946" \| "5737726" \| "5768523" \| "5862322" \| "6151683").PN.) 6298457.URPN. (("4823343" \| "5084875" \| "5159685" \| "5317676" \| "5367667" \| "5455901" \| "5606674" \| "5608874").PN.) 6026500.URPN.) (((("5253184" \| "5311422" \| "5317725" \| "5333314").PN.) 5666481.URPN. (("4456994" \| "4517468" \| "4972453" \| "5394549" \| "5455933" \| "5469498" \| "5546502" \| "5829001" \| "5894573" \| "5901320" \| "5906656" \| "5919247" \| "5944839" \| "5960170" \| "5983364" \| "6026500" \| "6029258" \| "6035423" \| "6145096" \| "6247151" \| "6260048" \| "6298457" \| "6370542" \| "6473659" \| "6487677").PN.) ((("5596716") or ("5666481") or ("5963911") or ("6131112")).PN.) ((US-6735721-$ or US-6742141-$ or US-6769071-$).did.)) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/09/08 09:59 |

| | 175 | ((("4654852".PN. 4823343.URPN. (("4464543" \| "5285494" \| "5937048" \| "5958010" \| "6032184" \| "6064304" \| "6064723" \| "6131112" \| "6134318" \| "6148335" \| "6219648").PN.) 6389426.URPN. (("4464543" \| "4937825" \| "5287505" \| "5295244" \| "5309448" \| "5333183" \| "5367667" \| "5446883" \| "5568618").PN.) 5862322.URPN. (("4464543" \| "4972453" \| "5784359" \| "5875242" \| "5896440" \| "5930333" \| "5946372" \| "5946375" \| "5953389" \| "6005920" \| "6032184" \| "6219648" \| "6230287").PN.) 6385298.URPN. (("4916733" \| "5463768" \| "5692030" \| "5721913" \| "5778049" \| "5926100" \| "5946372" \| "6032184").PN.) (("3783255" \| "3784801" \| "3805038" \| "4873687" \| "5182705" \| "5325517" \| "5367667" \| "5487148" \| "5551043" \| "5557515" \| "5603038" \| "5708775" \| "5742762" \| "5748884" \| "5758071" \| "5802304" \| "5815652" \| "5862322" \| "5893905" \| "5961594" \| "5996010" \| "6023507" \| "6026500" \| "6029258" \| "6047261" \| "6112235" \| "6145001" \| "6170067" \| "6199180" \| "6205579" \| "6219708" \| "6230286" \| "6230287" \| "6260048" \| "6260160" \| "6289378" \| "6308205" \| "6339789" \| "6363421" \| "6393475" \| "6430595" \| "6446134").PN.)) not (((("4893248" \| "5131020" \| "5287270" \| "5325290" \| "5452446" \| "5475836" \| "5483596" \| "5491779" \| "5530744" \| "5548726" \| "5563805" \| "5602918" \| "5621727" \| "5623601" \| "5649182" \| "5666481" \| "5671354" \| "5689645" \| "5692030" \| "5696906" \| "5699403" \| "5706502" \| "5708780" \| "5721908" \| "5721913" \| "5727129" \| "5734709" \| "5734831" \| "5742762" \| "5742768" \| "5742905" \| "5745754" \| "5754830" \| "5764756" \| "5768501" \| "5774660" \| "5778178" \| "5781550" \| "5781632" \| "5787160" \| "5790780" \| "5790789" \| "5790797" \| "5793694" \| "5793762" \| "5793964" \| "5796393" \| "5799154" \| "5802320" \| "5805803" \| "5812654" \| "5815080" \| "5815665" \| "5819225" \| "5819271" \| "5826029" \| "5826269" \| "5835084" \| "5844896" \| "5845067" \| "5845267" \| "5850517" \| "5852810" \| "5852812" \| "5877759" \| "5909679").PN.) 6032184.URPN. (("4356545" \| "5274803" \| "5287505" \| "5367667" \| "5563946" \| "5737726" \| "5768523" \| "5862322" \| "6151683").PN.) 6298457.URPN. (("4823343" \| "5084875" \| "5159685" \| "5317676" \| "5367667" \| "5455901" \| "5606674" \| "5608874").PN.) 6026500.URPN.) ((("5253184" \| "5311422" \| "5317725" \| "5333314").PN.) 5666481.URPN. (("4456994" \| "4517468" \| "4972453" \| "5394549" \| "5455933" \| "5469498" \| "5546502" \| "5829001" \| "5894573" \| "5901320" \| "5906656" \| "5919247" \| "5944839" \| "5960170" \| "5983364" \| "6026500" \| "6029258" \| "6035423" \| "6145096" \| "6247151" \| "6260048" \| "6298457" \| "6370542" \| "6473659" \| "6487677").PN.) (((("5596716") or ("5666481") or ("5963911") or ("6131112")).PN.) ((US-6735721-$ or US-6742141-$ or US-6769071-$).did.)))) and (@ad<=20020228 @pd<=20020228 @rlad<=20020228 @prad<=20020228) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/09/08 10:52 |

| | | | | |
|---|---|---|---|---|
| – | 411 | (714/46).CCLS. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/09/08 09:59 |
| – | 283 | (714/57).CCLS. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/09/08 09:59 |
| – | 50 | (379/9.02).CCLS. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/09/08 09:59 |
| – | 41 | (379/9.03).CCLS. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/09/08 09:59 |

| | | | | |
|---|---|---|---|---|
| - | 63 | (("4654852".PN. 4823343.URPN. (("4464543" | "5285494" | "5937048" | "5958010" | "6032184" | "6064304" | "6064723" | "6131112" | "6134318" | "6148335" | "6219648").PN.) 6389426.URPN. (("4464543" | "4937825" | "5287505" | "5295244" | "5309448" | "5333183" | "5367667" | "5446883" | "5568618").PN.) 5862322.URPN. (("4464543" | "4972453" | "5784359" | "5875242" | "5896440" | "5930333" | "5946372" | "5946375" | "5953389" | "6005920" | "6032184" | "6219648" | "6230287").PN.) 6385298.URPN. (("4916733" | "5463768" | "5692030" | "5721913" | "5778049" | "5926100" | "5946372" | "6032184").PN.) (("3783255" | "3784801" | "3805038" | "4873687" | "5182705" | "5325517" | "5367667" | "5487148" | "5551043" | "5557515" | "5603038" | "5708775" | "5742762" | "5748884" | "5758071" | "5802304" | "5815652" | "5862322" | "5893905" | "5961594" | "5996010" | "6023507" | "6026500" | "6029258" | "6047261" | "6112235" | "6145001" | "6170067" | "6199180" | "6205579" | "6219708" | "6230286" | "6230287" | "6260048" | "6260160" | "6289378" | "6308205" | "6339789" | "6363421" | "6393475" | "6430595" | "6446134").PN.)) not ((((("4893248" | "5131020" | "5287270" | "5325290" | "5452446" | "5475836" | "5483596" | "5491779" | "5530744" | "5548726" | "5563805" | "5602918" | "5621727" | "5623601" | "5649182" | "5666481" | "5671354" | "5689645" | "5692030" | "5696906" | "5699403" | "5706502" | "5708780" | "5721908" | "5721913" | "5727129" | "5734709" | "5734831" | "5742762" | "5742768" | "5742905" | "5745754" | "5754830" | "5764756" | "5768501" | "5774660" | "5778178" | "5781550" | "5781632" | "5787160" | "5790780" | "5790789" | "5790797" | "5793694" | "5793762" | "5793964" | "5796393" | "5799154" | "5802320" | "5805803" | "5812654" | "5815080" | "5815665" | "5819225" | "5819271" | "5826029" | "5826269" | "5835084" | "5844896" | "5845067" | "5845267" | "5850517" | "5852810" | "5852812" | "5877759" | "5909679").PN.) 6032184.URPN. (("4356545" | "5274803" | "5287505" | "5367667" | "5563946" | "5737726" | "5768523" | "5862322" | "6151683").PN.) 6298457.URPN. (("4823343" | "5084875" | "5159685" | "5317676" | "5367667" | "5455901" | "5606674" | "5608874").PN.) 6026500.URPN.) ((("5253184" | "5311422" | "5317725" | "5333314").PN.) 5666481.URPN. (("4456994" | "4517468" | "4972453" | "5394549" | "5455933" | "5469498" | "5546502" | "5829001" | "5894573" | "5901320" | "5906656" | "5919247" | "5944839" | "5960170" | "5983364" | "6026500" | "6029258" | "6035423" | "6145096" | "6247151" | "6260048" | "6298457" | "6370542" | "6473659" | "6487677").PN.) ((("5596716") or ("5666481") or ("5963911") or ("6131112")).PN.) ((US-6735721-$ or US-6742141-$ or US-6769071-$).did.)))) and (@ad<=20020228 @pd<=20020228 @rlad<=20020228 @prad<=20020228) | EPO; JPO; DERWENT; IBM_TDB | 2004/09/08 10:51 |

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| | | 112 | (("4654852".PN. 4823343.URPN. (("4464543" \| "5285494" \| "5937048" \| "5958010" \| "6032184" \| "6064304" \| "6064723" \| "6131112" \| "6134318" \| "6148335" \| "6219648").PN.) 6389426.URPN. (("4464543" \| "4937825" \| "5287505" \| "5295244" \| "5309448" \| "5333183" \| "5367667" \| "5446883" \| "5568618").PN.) 5862322.URPN. (("4464543" \| "4972453" \| "5784359" \| "5875242" \| "5896440" \| "5930333" \| "5946372" \| "5946375" \| "5953389" \| "6005920" \| "6032184" \| "6219648" \| "6230287").PN.) 6385298.URPN. (("4916733" \| "5463768" \| "5692030" \| "5721913" \| "5778049" \| "5926100" \| "5946372" \| "6032184").PN.) (("3783255" \| "3784801" \| "3805038" \| "4873687" \| "5182705" \| "5325517" \| "5367667" \| "5487148" \| "5551043" \| "5557515" \| "5603038" \| "5708775" \| "5742762" \| "5748884" \| "5758071" \| "5802304" \| "5815652" \| "5862322" \| "5893905" \| "5961594" \| "5996010" \| "6023507" \| "6026500" \| "6029258" \| "6047261" \| "6112235" \| "6145001" \| "6170067" \| "6199180" \| "6205579" \| "6219708" \| "6230286" \| "6230287" \| "6260048" \| "6260160" \| "6289378" \| "6308205" \| "6339789" \| "6363421" \| "6393475" \| "6430595" \| "6446134").PN.)) not (((("4893248" \| "5131020" \| "5287270" \| "5325290" \| "5452446" \| "5475836" \| "5483596" \| "5491779" \| "5530744" \| "5548726" \| "5563805" \| "5602918" \| "5621727" \| "5623601" \| "5649182" \| "5666481" \| "5671354" \| "5689645" \| "5692030" \| "5696906" \| "5699403" \| "5706502" \| "5708780" \| "5721908" \| "5721913" \| "5727129" \| "5734709" \| "5734831" \| "5742762" \| "5742768" \| "5742905" \| "5745754" \| "5754830" \| "5764756" \| "5768501" \| "5774660" \| "5778178" \| "5781550" \| "5781632" \| "5787160" \| "5790780" \| "5790789" \| "5790797" \| "5793694" \| "5793762" \| "5793964" \| "5796393" \| "5799154" \| "5802320" \| "5805803" \| "5812654" \| "5815080" \| "5815665" \| "5819225" \| "5819271" \| "5826029" \| "5826269" \| "5835084" \| "5844896" \| "5845067" \| "5845267" \| "5850517" \| "5852810" \| "5852812" \| "5877759" \| "5909679").PN.) 6032184.URPN. (("4356545" \| "5274803" \| "5287505" \| "5367667" \| "5563946" \| "5737726" \| "5768523" \| "5862322" \| "6151683").PN.) 6298457.URPN. (("4823343" \| "5084875" \| "5159685" \| "5317676" \| "5367667" \| "5455901" \| "5606674" \| "5608874").PN.) 6026500.URPN.) ((("5253184" \| "5311422" \| "5317725" \| "5333314").PN.) 5666481.URPN. (("4456994" \| "4517468" \| "4972453" \| "5394549" \| "5455933" \| "5469498" \| "5546502" \| "5829001" \| "5894573" \| "5901320" \| "5906656" \| "5919247" \| "5944839" \| "5960170" \| "5983364" \| "6026500" \| "6029258" \| "6035423" \| "6145096" \| "6247151" \| "6260048" \| "6298457" \| "6370542" \| "6473659" \| "6487677").PN.) (((("5596716") or ("5666481") or ("5963911") or ("6131112")).PN.) ((US-6735721-$ or US-6742141-$ or US-6769071-$).did.)))) and (@ad<=20020228 @pd<=20020228 @rlad<=20020228 @prad<=20020228) | USPAT; US-PGPUB | 2004/09/08 10:10 |

| | | | | |
|---|---|---|---|---|
| – | 14 | ("4464543" \| "4649515" \| "5159685" \| "5293585" \| "5483637" \| "5568491" \| "5687212" \| "5761502" \| "5920846" \| "5953389" \| "6198914" \| "6219648" \| "6389426" \| "6445774").PN. | USPAT | 2004/09/08 10:38 |
| – | 0 | 6671824.URPN. | USPAT | 2004/09/08 10:38 |
| – | 6 | ("4916733" \| "5692030" \| "5721913" \| "5778049" \| "5926100" \| "5946372").PN. | USPAT | 2004/09/08 10:41 |
| – | 6 | 6219648.URPN. | USPAT | 2004/09/08 10:41 |
| – | 16 | ("4949248" \| "5077790" \| "5367667" \| "5404295" \| "5444823" \| "5526409" \| "5539886" \| "5621789" \| "5903642" \| "5924069" \| "6011844" \| "6115040" \| "6119247" \| "6144670" \| "6145001" \| "6151601").PN. | USPAT | 2004/09/08 10:48 |
| – | 21 | 6230287.URPN. | USPAT | 2004/09/08 10:49 |
| – | 214 | "4654852".PN. 4823343.URPN. (("4464543" \| "5285494" \| "5937048" \| "5958010" \| "6032184" \| "6064304" \| "6064723" \| "6131112" \| "6134318" \| "6148335" \| "6219648").PN.) 6389426.URPN. (("4464543" \| "4937825" \| "5287505" \| "5295244" \| "5309448" \| "5333183" \| "5367667" \| "5446883" \| "5568618").PN.) 5862322.URPN. (("4464543" \| "4972453" \| "5784359" \| "5875242" \| "5896440" \| "5930333" \| "5946372" \| "5946375" \| "5953389" \| "6005920" \| "6032184" \| "6219648" \| "6230287").PN.) 6385298.URPN. (("4916733" \| "5463768" \| "5692030" \| "5721913" \| "5778049" \| "5926100" \| "5946372" \| "6032184").PN.) (("3783255" \| "3784801" \| "3805038" \| "4873687" \| "5182705" \| "5325517" \| "5367667" \| "5487148" \| "5551043" \| "5557515" \| "5603038" \| "5708775" \| "5742762" \| "5748884" \| "5758071" \| "5802304" \| "5815652" \| "5862322" \| "5893905" \| "5961594" \| "5996010" \| "6023507" \| "6026500" \| "6029258" \| "6047261" \| "6112235" \| "6145001" \| "6170067" \| "6199180" \| "6205579" \| "6219708" \| "6230286" \| "6230287" \| "6260048" \| "6260160" \| "6289378" \| "6308205" \| "6339789" \| "6363421" \| "6393475" \| "6430595" \| "6446134").PN.) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/09/08 10:52 |

| | 37 | (((("4464543" \| "4649515" \| "5159685" \| "5293585" \| "5483637" \| "5568491" \| "5687212" \| "5761502" \| "5920846" \| "5953389" \| "6198914" \| "6219648" \| "6389426" \| "6445774").PN.) (("4916733" \| "5692030" \| "5721913" \| "5778049" \| "5926100" \| "5946372").PN.) 6219648.URPN. (("4949248" \| "5077790" \| "5367667" \| "5404295" \| "5444823" \| "5526409" \| "5539886" \| "5621789" \| "5903642" \| "5924069" \| "6011844" \| "6115040" \| "6119247" \| "6144670" \| "6145001" \| "6151601").PN.) 6230287.URPN.) not ((((("4893248" \| "5131020" \| "5287270" \| "5325290" \| "5452446" \| "5475836" \| "5483596" \| "5491779" \| "5530744" \| "5548726" \| "5563805" \| "5602918" \| "5621727" \| "5623601" \| "5649182" \| "5666481" \| "5671354" \| "5689645" \| "5692030" \| "5696906" \| "5699403" \| "5706502" \| "5708780" \| "5721908" \| "5721913" \| "5727129" \| "5734709" \| "5734831" \| "5742762" \| "5742768" \| "5742905" \| "5745754" \| "5754830" \| "5764756" \| "5768501" \| "5774660" \| "5778178" \| "5781550" \| "5781632" \| "5787160" \| "5790780" \| "5790789" \| "5790797" \| "5793694" \| "5793762" \| "5793964" \| "5796393" \| "5799154" \| "5802320" \| "5805803" \| "5812654" \| "5815080" \| "5815665" \| "5819225" \| "5819271" \| "5826029" \| "5826269" \| "5835084" \| "5844896" \| "5845067" \| "5845267" \| "5850517" \| "5852810" \| "5852812" \| "5877759" \| "5909679").PN.) 6032184.URPN. (("4356545" \| "5274803" \| "5287505" \| "5367667" \| "5563946" \| "5737726" \| "5768523" \| "5862322" \| "6151683").PN.) 6298457.URPN. (("4823343" \| "5084875" \| "5159685" \| "5317676" \| "5367667" \| "5455901" \| "5606674" \| "5608874").PN.) 6026500.URPN.) ((("5253184" \| "5311422" \| "5317725" \| "5333314").PN.) 5666481.URPN. (("4456994" \| "4517468" \| "4972453" \| "5394549" \| "5455933" \| "5469498" \| "5546502" \| "5829001" \| "5894573" \| "5901320" \| "5906656" \| "5919247" \| "5944839" \| "5960170" \| "5983364" \| "6026500" \| "6029258" \| "6035423" \| "6145096" \| "6247151" \| "6260048" \| "6298457" \| "6370542" \| "6473659" \| "6487677").PN.) (((("5596716") or ("5666481") or ("5963911") or ("6131112")).PN.) ((US-6735721-\$ or US-6742141-\$ or US-6769071-\$).did.))) ("4654852".PN. 4823343.URPN. (("4464543" \| "5285494" \| "5937048" \| "5958010" \| "6032184" \| "6064304" \| "6064723" \| "6131112" \| "6134318" \| "6148335" \| "6219648").PN.) 6389426.URPN. (("4464543" \| "4937825" \| "5287505" \| "5295244" \| "5309448" \| "5333183" \| "5367667" \| "5446883" \| "5568618").PN.) 5862322.URPN. (("4464543" \| "4972453" \| "5784359" \| "5875242" \| "5896440" \| "5930333" \| "5946372" \| "5946375" \| "5953389" \| "6005920" \| "6032184" \| "6219648" \| "6230287").PN.) 6385298.URPN. (("4916733" \| "5463768" \| "5692030" \| "5721913" \| "5778049" \| "5926100" \| "5946372" \| "6032184").PN.) (("3783255" \| "3784801" \| "3805038" \| "4973687" \| "5182705" \| "5325517" \| "5367667" \| "5487148" \| "5551043" \| "5557515" \| "5603038" \| "5708775" \| | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/09/08 11:24 |

| | | 23 | ("4992972" \| "5179695" \| "5239617" \| "5361361" \| "5388251" \| "5477447" \| "5644735" \| "5715415" \| "5754176" \| "5823781" \| "5877757" \| "5933140" \| "6098061" \| "6177932" \| "6208338" \| "6230287" \| "6236989" \| "6297822" \| "6300950" \| "6471521" \| "6477531" \| "6493000" \| "6535492").PN. | USPAT | 2004/09/08 10:55 |
|---|---|---|---|---|---|
| — | | 0 | 6691159.URPN. | USPAT | 2004/09/08 10:55 |
| — | | 24 | ("4232199" \| "4574167" \| "4782517" \| "4782519" \| "4922514" \| "4972453" \| "4991105" \| "5012511" \| "5054050" \| "5067009" \| "5086461" \| "5099436" \| "5121420" \| "5222125" \| "5224149" \| "5343461" \| "5347564" \| "5359646" \| "5375159" \| "5388189" \| "5392328" \| "5404389" \| "5416833" \| "5438606").PN. | USPAT | 2004/09/08 10:57 |
| — | | 31 | 5687212.URPN. | USPAT | 2004/Ô9/08 10:57 |

| | 67 | (((("4992972" \| "5179695" \| "5239617" \| "5361361" \| "5388251" \| "5477447" \| "5644735" \| "5715415" \| "5754176" \| "5823781" \| "5877757" \| "5933140" \| "6098061" \| "6177932" \| "6208338" \| "6230287" \| "6236989" \| "6297822" \| "6300950" \| "6471521" \| "6477531" \| "6493000" \| "6535492").PN.) (("4232199" \| "4574167" \| "4782517" \| "4782519" \| "4922514" \| "4972453" \| "4991105" \| "5012511" \| "5054050" \| "5067009" \| "5086461" \| "5099436" \| "5121420" \| "5222125" \| "5224149" \| "5343461" \| "5347564" \| "5359646" \| "5375159" \| "5388189" \| "5392328" \| "5404389" \| "5416833" \| "5438606").PN.) 5687212.URPN.) not ((("4464543" \| "4649515" \| "5159685" \| "5293585" \| "5483637" \| "5568491" \| "5687212" \| "5761502" \| "5920846" \| "5953389" \| "6198914" \| "6219648" \| "6389426" \| "6445774").PN.) (("4916733" \| "5692030" \| "5721913" \| "5778049" \| "5926100" \| "5946372").PN.) 6219648.URPN. (("4949248" \| "5077790" \| "5367667" \| "5404295" \| "5444823" \| "5526409" \| "5539886" \| "5621789" \| "5903642" \| "5924069" \| "6011844" \| "6115040" \| "6119247" \| "6144670" \| "6145001" \| "6151601").PN.) 6230287.URPN. (((("4893248" \| "5131020" \| "5287270" \| "5325290" \| "5452446" \| "5475836" \| "5483596" \| "5491779" \| "5530744" \| "5548726" \| "5563805" \| "5602918" \| "5621727" \| "5623601" \| "5649182" \| "5666481" \| "5671354" \| "5689645" \| "5692030" \| "5696906" \| "5699403" \| "5706502" \| "5708780" \| "5721908" \| "5721913" \| "5727129" \| "5734709" \| "5734831" \| "5742762" \| "5742768" \| "5742905" \| "5745754" \| "5754830" \| "5764756" \| "5768501" \| "5774660" \| "5778178" \| "5781550" \| "5781632" \| "5787160" \| "5790780" \| "5790789" \| "5790797" \| "5793694" \| "5793762" \| "5793964" \| "5796393" \| "5799154" \| "5802320" \| "5805803" \| "5812654" \| "5815080" \| "5815665" \| "5819225" \| "5819271" \| "5826029" \| "5826269" \| "5835084" \| "5844896" \| "5845067" \| "5845267" \| "5850517" \| "5852810" \| "5852812" \| "5877759" \| "5909679").PN.) 6032184.URPN. (("4356545" \| "5274803" \| "5287505" \| "5367667" \| "5563946" \| "5737726" \| "5768523" \| "5862322" \| "6151683").PN.) 6298457.URPN. (("4823343" \| "5084875" \| "5159685" \| "5317676" \| "5367667" \| "5455901" \| "5606674" \| "5608874").PN.) 6026500.URPN.) ((("5253184" \| "5311422" \| "5317725" \| "5333314").PN.) 5666481.URPN. (("4456994" \| "4517468" \| "4972453" \| "5394549" \| "5455933" \| "5469498" \| "5546502" \| "5829001" \| "5894573" \| "5901320" \| "5906656" \| "5919247" \| "5944839" \| "5960170" \| "5983364" \| "6026500" \| "6029258" \| "6035423" \| "6145096" \| "6247151" \| "6260048" \| "6298457" \| "6370542" \| "6473659" \| "6487677").PN.) ((("5596716") or ("5666481") or ("5963911") or ("6131112")).PN.) ((US-6735721-$ or US-6742141-$ or US-6769071-$).did.))) ("4654852".PN. 4823343.URPN. (("4464543" \| "5285494" \| "5593704" \| "5958010" \| "6032184" \| "6064304" \| "6064723" \| | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/09/08 14:19 |

| - | 8 | (("5357611") or ("5594861") or ("5715496") or ("5862308") or ("6032001") or ("6205466") or ("6249812") or ("6446224")).PN. | USPAT; US-PGPUB | 2004/09/08 14:14 |
|---|---|---|---|---|
| - | 14 | (("4041455") or ("5428619") or ("5483637") or ("5664093") or ("5666481") or ("5748880") or ("5819019") or ("5944782") or ("5968189") or ("5983364") or ("6000045") or ("6000046") or ("6401116") or ("6513129")).PN. | USPAT; US-PGPUB | 2004/09/08 14:14 |
| - | 2 | (("6615374") or ("6636991")).PN. | USPAT; US-PGPUB | 2004/09/08 14:15 |
| - | 13 | (("3999051") or ("4881230") or ("4932028") or ("5155731") or ("5226150") or ("5448725") or ("5506960") or ("5596716") or ("5699403") or ("5933592") or ("6006016") or ("6356282") or ("6513129")).PN. | USPAT; US-PGPUB | 2004/09/08 14:16 |
| - | 5 | (("5748880") or ("5768501") or ("6601185") or ("6631409") or ("6694455")).PN. | USPAT; US-PGPUB | 2004/09/08 14:16 |
| - | 18 | (("5494136") or ("3575589") or ("4617661") or ("6269460") or ("3786430") or ("4598356") or ("5007056") or ("3818199") or ("4497057") or ("6128017") or ("5299207") or ("5748880") or ("6000045") or ("5440688") or ("5479611") or ("5748883") or ("6148419") or ("6173422")).PN. | USPAT; US-PGPUB | 2004/09/08 14:19 |

| | 47 | (((((("5357611") or ("5594861") or ("5715496") or ("5862308") or ("6032001") or ("6205466") or ("6249812") or ("6446224")).PN.) ((("4041455") or ("5428619") or ("5483637") or ("5664093") or ("5666481") or ("5748880") or ("5819019") or ("5944782") or ("5968189") or ("5983364") or ("6000045") or ("6000046") or ("6401116") or ("6513129")).PN.) ((("6615374") or ("6636991")).PN.) ((("3999051") or ("4881230") or ("4932028") or ("5155731") or ("5226150") or ("5448725") or ("5506960") or ("5596716") or ("5699403") or ("5933592") or ("6006016") or ("6356282") or ("6513129")).PN.) ((("5748880") or ("5768501") or ("6601185") or ("6631409") or ("6694455")).PN.) ((("5494136") or ("3575589") or ("4617661") or ("6269460") or ("3786430") or ("4598356") or ("5007056") or ("3818199") or ("4497057") or ("6128017") or ("5299207") or ("5748880") or ("6000045") or ("5440688") or ("5479611") or ("5748883") or ("6148419") or ("6173422")).PN.)) not ((("4992972" | "5179695" | "5239617" | "5361361" | "5388251" | "5477447" | "5644735" | "5715415" | "5754176" | "5823781" | "5877757" | "5933140" | "6098061" | "6177932" | "6208338" | "6230287" | "6236989" | "6297822" | "6300950" | "6471521" | "6477531" | "6493000" | "6535492").PN.) (("4232199" | "4574167" | "4782517" | "4782519" | "4922514" | "4972453" | "4991105" | "5012511" | "5054050" | "5067009" | "5086461" | "5099436" | "5121420" | "5222125" | "5224149" | "5343461" | "5347564" | "5359646" | "5375159" | "5388189" | "5392328" | "5404389" | "5416833" | "5438606").PN.) 5687212.URPN. (("4464543" | "4649515" | "5159685" | "5293585" | "5483637" | "5568491" | "5687212" | "5761502" | "5920846" | "5953389" | "6198914" | "6219648" | "6389426" | "6445774").PN.) (("4916733" | "5692030" | "5721913" | "5778049" | "5926100" | "5946372").PN.) 6219648.URPN. (("4949248" | "5077790" | "5367667" | "5404295" | "5444823" | "5526409" | "5539886" | "5621789" | "5903642" | "5924069" | "6011844" | "6115040" | "6119247" | "6144670" | "6145001" | "6151601").PN.) 6230287.URPN. (((("4893248" | "5131020" | "5287270" | "5325290" | "5452446" | "5475836" | "5483596" | "5491779" | "5530744" | "5548726" | "5563805" | "5602918" | "5621727" | "5623601" | "5649182" | "5666481" | "5671354" | "5689645" | "5692030" | "5696906" | "5699403" | "5706502" | "5708780" | "5721908" | "5721913" | "5727129" | "5734709" | "5734831" | "5742762" | "5742768" | "5742905" | "5745754" | "5754830" | "5764756" | "5768501" | "5774660" | "5778178" | "5781550" | "5781632" | "5787160" | "5790780" | "5790789" | "5790797" | "5793694" | "5793762" | "5793964" | "5796393" | "5799154" | "5802320" | "5805803" | "5812654" | "5815080" | "5815665" | "5819225" | "5819271" | "5826029" | "5826269" | "5835084" | "5844896" | "5845067" | | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/09/08 14:52 |

| - | 36 | ("3242058" \| "4503535" \| "4510594" \| "4546467" \| "4660201" \| "4709365" \| "4769811" \| "4777595" \| "4807228" \| "4862461" \| "4967344" \| "4970714" \| "4993015" \| "5016243" \| "5031211" \| "5117352" \| "5155842" \| "5157667" \| "5161156" \| "5218712" \| "5271000" \| "5274638" \| "5289460" \| "5301185" \| "5307354" \| "5410650" \| "5487061" \| "5519693" \| "5522046" \| "5546391" \| "5590118" \| "5613069" \| "5640504" \| "5758053" \| "5784547" \| "5790530").PN. | USPAT | 2004/09/08 14:40 |
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| - | 2 | 5968189.URPN. | USPAT | 2004/09/08 14:40 |
| - | 13 | ("4635214" \| "5274674" \| "5315972" \| "5500940" \| "5621737" \| "5699365" \| "5740357" \| "5764651" \| "6314535" \| "6334193" \| "6345366" \| "6418542" \| "6421740").PN. | USPAT | 2004/09/08 14:47 |
| - | 0 | 6636991.URPN. | USPAT | 2004/09/08 14:47 |

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| – | 51 | (((("3242058" \| "4503535" \| "4510594" \| "4546467" \| "4660201" \| "4709365" \| "4769811" \| "4777595" \| "4807228" \| "4862461" \| "4967344" \| "4970714" \| "4993015" \| "5016243" \| "5031211" \| "5117352" \| "5155842" \| "5157667" \| "5161156" \| "5218712" \| "5271000" \| "5274638" \| "5289460" \| "5301185" \| "5307354" \| "5410650" \| "5487061" \| "5519693" \| "5522046" \| "5546391" \| "5590118" \| "5613069" \| "5640504" \| "5758053" \| "5784547" \| "5790530").PN.) 5968189.URPN. (("4635214" \| "5274674" \| "5315972" \| "5500940" \| "5621737" \| "5699365" \| "5740357" \| "5764651" \| "6314535" \| "6334193" \| "6345366" \| "6418542" \| "6421740").PN.)) not ((((("5357611") or ("5594861") or ("5715496") or ("5862308") or ("6032001") or ("6205466") or ("6249812") or ("6446224")).PN.) ((("4041455") or ("5428619") or ("5483637") or ("5664093") or ("5666481") or ("5748880") or ("5819019") or ("5944782") or ("5968189") or ("5983364") or ("6000045") or ("6000046") or ("6401116") or ("6513129")).PN.) ((("6615374") or ("6636991")).PN.) ((("3999051") or ("4881230") or ("4932028") or ("5155731") or ("5226150") or ("5448725") or ("5506960") or ("5596716") or ("5699403") or ("5933592") or ("6006016") or ("6356282") or ("6513129")).PN.) ((("5748880") or ("5768501") or ("6601185") or ("6631409") or ("6694455")).PN.) ((("5494136") or ("3575589") or ("4617661") or ("6269460") or ("3786430") or ("4598356") or ("5007056") or ("3818199") or ("4497057") or ("6128017") or ("5299207") or ("5748880") or ("6000045") or ("5440688") or ("5479611") or ("5748883") or ("6148419") or ("6173422")).PN.) (("4992972" \| "5179695" \| "5239617" \| "5361361" \| "5388251" \| "5477447" \| "5644735" \| "5715415" \| "5754176" \| "5823781" \| "5877757" \| "5933140" \| "6098061" \| "6177932" \| "6208338" \| "6230287" \| "6236989" \| "6297822" \| "6300950" \| "6471521" \| "6477531" \| "6493000" \| "6535492").PN.) (("4232199" \| "4574167" \| "4782517" \| "4782519" \| "4922514" \| "4972453" \| "4991105" \| "5012511" \| "5054050" \| "5067009" \| "5086461" \| "5099436" \| "5121420" \| "5222125" \| "5224149" \| "5343461" \| "5347564" \| "5359646" \| "5375159" \| "5388189" \| "5392328" \| "5404389" \| "5416833" \| "5438606").PN.) 5687212.URPN. (("4464543" \| "4649515" \| "5159685" \| "5293585" \| "5483637" \| "5568491" \| "5687212" \| "5761502" \| "5920846" \| "5953389" \| "6198914" \| "6219648" \| "6389426" \| "6445774").PN.) (("4916733" \| "5692030" \| "5721913" \| "5778049" \| "5926100" \| "5946372").PN.) 6219648.URPN. (("4949248" \| "5077790" \| "5367667" \| "5404295" \| "5444823" \| "5526409" \| "5539886" \| "5621789" \| "5903642" \| "5924069" \| "6011844" \| "6115040" \| "6119247" \| "6144670" \| "6145001" \| "6151601").PN.) 6230287.URPN. (((("4893248" \| "5131020" \| "5287270" \| "5325290" \| "5452446" \| "5475836" \| "5483596" \| "5491779" \| "5530744" \| | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/09/08 14:58 |

| - | 27 | (((379/9.03).CCLS.) not ((("3242058" \| "4503535" \| "4510594" \| "4546467" \| "4660201" \| "4709365" \| "4769811" \| "4777595" \| "4807228" \| "4862461" \| "4967344" \| "4970714" \| "4993015" \| "5016243" \| "5031211" \| "5117352" \| "5155842" \| "5157667" \| "5161156" \| "5218712" \| "5271000" \| "5274638" \| "5289460" \| "5301185" \| "5307354" \| "5410650" \| "5487061" \| "5519693" \| "5522046" \| "5546391" \| "5590118" \| "5613069" \| "5640504" \| "5758053" \| "5784547" \| "5790530").PN.) 5968189.URPN. (("4635214" \| "5274674" \| "5315972" \| "5500940" \| "5621737" \| "5699365" \| "5740357" \| "5764651" \| "6314535" \| "6334193" \| "6345366" \| "6418542" \| "6421740").PN.) ((("5357611") or ("5594861") or ("5715496") or ("5862308") or ("6032001") or ("6205466") or ("6249812") or ("6446224")).PN.) ((("4041455") or ("5428619") or ("5483637") or ("5664093") or ("5666481") or ("5748880") or ("5819019") or ("5944782") or ("5968189") or ("5983364") or ("6000045") or ("6000046") or ("6401116") or ("6513129")).PN.) ((("6615374") or ("6636991")).PN.) ((("3999051") or ("4881230") or ("4932028") or ("5155731") or ("5226150") or ("5448725") or ("5506960") or ("5596716") or ("5699403") or ("5933592") or ("6006016") or ("6356282") or ("6513129")).PN.) ((("5748880") or ("5768501") or ("6601185") or ("6631409") or ("6694455")).PN.) ((("5494136") or ("3575589") or ("4617661") or ("6269460") or ("3786430") or ("4598356") or ("5007056") or ("3818199") or ("4497057") or ("6128017") or ("5299207") or ("5748880") or ("6000045") or ("5440688") or ("5479611") or ("5748883") or ("6148419") or ("6173422")).PN.) (("4992972" \| "5179695" \| "5239617" \| "5361361" \| "5388251" \| "5477447" \| "5644735" \| "5715415" \| "5754176" \| "5823781" \| "5877757" \| "5933140" \| "6098061" \| "6177932" \| "6208338" \| "6230287" \| "6236989" \| "6297822" \| "6300950" \| "6471521" \| "6477531" \| "6493000" \| "6535492").PN.) (("4232199" \| "4574167" \| "4782517" \| "4782519" \| "4922514" \| "4972453" \| "4991105" \| "5012511" \| "5054050" \| "5067009" \| "5086461" \| "5099436" \| "5121420" \| "5222125" \| "5224149" \| "5343461" \| "5347564" \| "5359646" \| "5375159" \| "5388189" \| "5392328" \| "5404389" \| "5416833" \| "5438606").PN.) 5687212.URPN. (("4464543" \| "4649515" \| "5159685" \| "5293585" \| "5483637" \| "5568491" \| "5687212" \| "5761502" \| "5920846" \| "5953389" \| "6198914" \| "6219648" \| "6389426" \| "6445774").PN.) (("4916733" \| "5692030" \| "5721913" \| "5778049" \| "5926100" \| "5946372").PN.) 6219648.URPN. (("4949248" \| "5077790" \| "5367667" \| "5404295" \| "5444823" \| "5526409" \| "5539886" \| "5621789" \| "5903642" \| "5924069" \| "6011844" \| "6115040" \| "6119247" \| "6144670" \| "6145001" \| "6151601").PN.) 6230287.URPN. ((("4893249" \| "5131020" \| "5287270" \| "5325290" \| "5452446" \| "5475836" \| "5483596" \| "5491779" \| "5530744" \| | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/09/08 15:04 |

| | 28 | (((379/9.02).CCLS.) not | USPAT; | 2004/09/08 |
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| | | (((379/9.03).CCLS.) (("3242058" \| | US-PGPUB; | 15:07 |
| | | "4503535" \| "4510594" \| "4546467" \| | EPO; JPO; | |
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| | | "4777595" \| "4807228" \| "4862461" \| | IBM_TDB | |
| | | "4967344" \| "4970714" \| "4993015" \| | | |
| | | "5016243" \| "5031211" \| "5117352" \| | | |
| | | "5155842" \| "5157667" \| "5161156" \| | | |
| | | "5218712" \| "5271000" \| "5274638" \| | | |
| | | "5289460" \| "5301185" \| "5307354" \| | | |
| | | "5410650" \| "5487061" \| "5519693" \| | | |
| | | "5522046" \| "5546391" \| "5590118" \| | | |
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| | | "5784547" \| "5790530").PN.) 5968189.URPN. | | |
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| | | "6421740").PN.) ((("5357611") or | | |
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| | | ("6249812") or ("6446224")).PN.) | | |
| | | ((("4041455") or ("5428619") or | | |
| | | ("5483637") or ("5664093") or ("5666481") | | |
| | | or ("5748880") or ("5819019") or | | |
| | | ("5944782") or ("5968189") or ("5983364") | | |
| | | or ("6000045") or ("6000046") or | | |
| | | ("6401116") or ("6513129")).PN.) | | |
| | | ((("6615374") or ("6636991")).PN.) | | |
| | | ((("3999051") or ("4881230") or | | |
| | | ("4932028") or ("5155731") or ("5226150") | | |
| | | or ("5448725") or ("5506960") or | | |
| | | ("5596716") or ("5699403") or ("5933592") | | |
| | | or ("6006016") or ("6356282") or | | |
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| | | or ("6694455")).PN.) ((("5494136") or | | |
| | | ("3575589") or ("4617661") or ("6269460") | | |
| | | or ("3786430") or ("4598356") or | | |
| | | ("5007056") or ("3818199") or ("4497057") | | |
| | | or ("6128017") or ("5299207") or | | |
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| | | or ("5479611") or ("5748883") or | | |
| | | ("6148419") or ("6173422")).PN.) | | |
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| | | "4922514" \| "4972453" \| "4991105" \| | | |
| | | "5012511" \| "5054050" \| "5067009" \| | | |
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| | | "5347564" \| "5359646" \| "5375159" \| | | |
| | | "5388189" \| "5392328" \| "5404389" \| | | |
| | | "5416833" \| "5438606").PN.) 5687212.URPN. | | |
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| | | "5404295" \| "5444823" \| "5526409" \| | | |
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| | | "5924069" \| "6011844" \| "6115040" \| | | |
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| | | "6151601").PN.) 6230287.URPN. | | |
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| | | "5325290" \| "5452446" \| "5475836" \| | | |

| - | 247 | (((714/57).CCLS.) not (((379/9.02).CCLS.) ((379/9.03).CCLS.) (("3242058" \| "4503535" \| "4510594" \| "4546467" \| "4660201" \| "4709365" \| "4769811" \| "4777595" \| "4807228" \| "4862461" \| "4967344" \| "4970714" \| "4993015" \| "5016243" \| "5031211" \| "5117352" \| "5155842" \| "5157667" \| "5161156" \| "5218712" \| "5271000" \| "5274638" \| "5289460" \| "5301185" \| "5307354" \| "5410650" \| "5487061" \| "5519693" \| "5522046" \| "5546391" \| "5590118" \| "5613069" \| "5640504" \| "5758053" \| "5784547" \| "5790530").PN.) 5968189.URPN. ((("4635214" \| "5274674" \| "5315972" \| "5500940" \| "5621737" \| "5699365" \| "5740357" \| "5764651" \| "6314535" \| "6334193" \| "6345366" \| "6418542" \| "6421740").PN.) ((("5357611") or ("5594861") or ("5715496") or ("5862308") or ("6032001") or ("6205466") or ("6249812") or ("6446224")).PN.) ((("4041455") or ("5428619") or ("5483637") or ("5664093") or ("5666481") or ("5748880") or ("5819019") or ("5944782") or ("5968189") or ("5983364") or ("6000045") or ("6000046") or ("6401116") or ("6513129")).PN.) ((("6615374") or ("6636991")).PN.) ((("3999051") or ("4881230") or ("4932028") or ("5155731") or ("5226150") or ("5448725") or ("5506960") or ("5596716") or ("5699403") or ("5933592") or ("6006016") or ("6356282") or ("6513129")).PN.) ((("5748880") or ("5768501") or ("6601185") or ("6631409") or ("6694455")).PN.) ((("5494136") or ("3575589") or ("4617661") or ("6269460") or ("3786430") or ("4598356") or ("5007056") or ("3818199") or ("4497057") or ("6128017") or ("5299207") or ("5748880") or ("6000045") or ("5440688") or ("5479611") or ("5748883") or ("6148419") or ("6173422")).PN.) (("4992972" \| "5179695" \| "5239617" \| "5361361" \| "5388251" \| "5477447" \| "5644735" \| "5715415" \| "5754176" \| "5823781" \| "5877757" \| "5933140" \| "6098061" \| "6177932" \| "6208338" \| "6230287" \| "6236989" \| "6297822" \| "6300950" \| "6471521" \| "6477531" \| "6493000" \| "6535492").PN.) (("4232199" \| "4574167" \| "4782517" \| "4782519" \| "4922514" \| "4972453" \| "4991105" \| "5012511" \| "5054050" \| "5067009" \| "5086461" \| "5099436" \| "5121420" \| "5222125" \| "5224149" \| "5343461" \| "5347564" \| "5359646" \| "5375159" \| "5388189" \| "5392328" \| "5404389" \| "5416833" \| "5438606").PN.) 5687212.URPN. (("4464543" \| "4649515" \| "5159685" \| "5293585" \| "5483637" \| "5568491" \| "5687212" \| "5761502" \| "5920846" \| "5953389" \| "6198914" \| "6219648" \| "6389426" \| "6445774").PN.) (("4916733" \| "5692030" \| "5721913" \| "5778049" \| "5926100" \| "5946372").PN.) 6219648.URPN. (("4949248" \| "5077790" \| "5367667" \| "5404295" \| "5444823" \| "5526409" \| "5539886" \| "5621789" \| "5903642" \| "5924069" \| "6011844" \| "6115040" \| "6119247" \| "6144670" \| "6145001" \| "6151601").PN.) 6230287.URPN. (((("4893248" \| "5131020" \| "5287270" \| "5325290" \| "5452446" \| "5475836" \| | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/09/08 15:55 |

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|---|---|---|---|---|
| - | 338 | (((714/46).CCLS.) not (((714/57).CCLS.) ((379/9.02).CCLS.) ((379/9.03).CCLS.) (("3242058" \| "4503535" \| "4510594" \| "4546467" \| "4660201" \| "4709365" \| "4769811" \| "4777595" \| "4807228" \| "4862461" \| "4967344" \| "4970714" \| "4993015" \| "5016243" \| "5031211" \| "5117352" \| "5155842" \| "5157667" \| "5161156" \| "5218712" \| "5271000" \| "5274638" \| "5289460" \| "5301185" \| "5307354" \| "5410650" \| "5487061" \| "5519693" \| "5522046" \| "5546391" \| "5590118" \| "5613069" \| "5640504" \| "5758053" \| "5784547" \| "5790530").PN.) 5968189.URPN. (("4635214" \| "5274674" \| "5315972" \| "5500940" \| "5621737" \| "5699365" \| "5740357" \| "5764651" \| "6314535" \| "6334193" \| "6345366" \| "6418542" \| "6421740").PN.) ((("5357611") or ("5594861") or ("5715496") or ("5862308") or ("6032001") or ("6205466") or ("6249812") or ("6446224")).PN.) ((("4041455") or ("5428619") or ("5483637") or ("5664093") or ("5666481") or ("5748880") or ("5819019") or ("5944782") or ("5968189") or ("5983364") or ("6000045") or ("6000046") or ("6401116") or ("6513129")).PN.) ((("6615374") or ("6636991")).PN.) ((("3999051") or ("4881230") or ("4932028") or ("5155731") or ("5226150") or ("5448725") or ("5506960") or ("5596716") or ("5699403") or ("5933592") or ("6006016") or ("6356282") or ("6513129")).PN.) ((("5748880") or ("5768501") or ("6601185") or ("6631409") or ("6694455")).PN.) ((("5494136") or ("3575589") or ("4617661") or ("6269460") or ("3786430") or ("4598356") or ("5007056") or ("3818199") or ("4497057") or ("6128017") or ("5299207") or ("5748880") or ("6000045") or ("5440688") or ("5479611") or ("5748883") or ("6148419") or ("6173422")).PN.) (("4992972" \| "5179695" \| "5239617" \| "5361361" \| "5388251" \| "5477447" \| "5644735" \| "5715415" \| "5754176" \| "5823781" \| "5877757" \| "5933140" \| "6098061" \| "6177932" \| "6208338" \| "6230287" \| "6236989" \| "6297822" \| "6300950" \| "6471521" \| "6477531" \| "6493000" \| "6535492").PN.) (("4232199" \| "4574167" \| "4782517" \| "4782519" \| "4922514" \| "4972453" \| "4991105" \| "5012511" \| "5054050" \| "5067009" \| "5086461" \| "5099436" \| "5121420" \| "5222125" \| "5224149" \| "5343461" \| "5347564" \| "5359646" \| "5375159" \| "5388189" \| "5392328" \| "5404389" \| "5416833" \| "5438606").PN.) 5687212.URPN. (("4464543" \| "4649515" \| "5159685" \| "5293585" \| "5483637" \| "5568491" \| "5687212" \| "5761502" \| "5920846" \| "5953389" \| "6198914" \| "6219648" \| "6389426" \| "6445774").PN.) (("4916733" \| "5692030" \| "5721913" \| "5778049" \| "5926100" \| "5946372").PN.) 6219648.URPN. (("4949248" \| "5077790" \| "5367667" \| "5404295" \| "5444823" \| "5526409" \| "5539886" \| "5621789" \| "5903642" \| "5924069" \| "6011844" \| "6115040" \| "6119247" \| "6144670" \| "6145001" \| "6151601").PN.) 6230287.URPN. ((("4893248" \| "5131026" \| "5287270" \| "5325290" \| "5452446" \| "5475836" \| | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/09/08 16:48 |

| | 587 | (((714/48).CCLS.) not (((714/46).CCLS.) ((714/57).CCLS.) ((379/9.02).CCLS.) ((379/9.03).CCLS.) (("3242058" \| "4503535" \| "4510594" \| "4546467" \| "4660201" \| "4709365" \| "4769811" \| "4777595" \| "4807228" \| "4862461" \| "4967344" \| "4970714" \| "4993015" \| "5016243" \| "5031211" \| "5117352" \| "5155842" \| "5157667" \| "5161156" \| "5218712" \| "5271000" \| "5274638" \| "5289460" \| "5301185" \| "5307354" \| "5410650" \| "5487061" \| "5519693" \| "5522046" \| "5546391" \| "5590118" \| "5613069" \| "5640504" \| "5758053" \| "5784547" \| "5790530").PN.) 5968189.URPN. (("4635214" \| "5274674" \| "5315972" \| "5500940" \| "5621737" \| "5699365" \| "5740357" \| "5764651" \| "6314535" \| "6334193" \| "6345366" \| "6418547" \| "6421740").PN.) ((("5357611") or ("5594861") or ("5715496") or ("5862308") or ("6032001") or ("6205466") or ("6249812") or ("6446224")).PN.) ((("4041455") or ("5428619") or ("5483637") or ("5664093") or ("5666481") or ("5748880") or ("5819019") or ("5944782") or ("5968189") or ("5983364") or ("6000045") or ("6000046") or ("6401116") or ("6513129")).PN.) ((("6615374") or ("6636991")).PN.) ((("3999051") or ("4881230") or ("4932028") or ("5155731") or ("5226150") or ("5448725") or ("5506960") or ("5596716") or ("5699403") or ("5933592") or ("6006016") or ("6356282") or ("6513129")).PN.) ((("5748880") or ("5768501") or ("6601185") or ("6631409") or ("6694455")).PN.) ((("5494136") or ("3575589") or ("4617661") or ("6269460") or ("3786430") or ("4598356") or ("5007056") or ("3818199") or ("4497057") or ("6128017") or ("5299207") or ("5748880") or ("6000045") or ("5440688") or ("5479611") or ("5748883") or ("6148419") or ("6173422")).PN.) (("4992972" \| "5179695" \| "5239617" \| "5361361" \| "5388251" \| "5477447" \| "5644735" \| "5715415" \| "5754176" \| "5823781" \| "5877757" \| "5933140" \| "6098061" \| "6177932" \| "6208338" \| "6230287" \| "6236989" \| "6297822" \| "6300950" \| "6471521" \| "6477531" \| "6493000" \| "6535492").PN.) (("4232199" \| "4574167" \| "4782517" \| "4782519" \| "4922514" \| "4972453" \| "4991105" \| "5012511" \| "5054050" \| "5067009" \| "5086461" \| "5099436" \| "5121420" \| "5222125" \| "5224149" \| "5343461" \| "5347564" \| "5359646" \| "5375159" \| "5388189" \| "5392328" \| "5404389" \| "5416833" \| "5438606").PN.) 5687212.URPN. (("4464543" \| "4649515" \| "5159685" \| "5293585" \| "5483637" \| "5568491" \| "5687212" \| "5761502" \| "5920846" \| "5953389" \| "6198914" \| "6219648" \| "6389426" \| "6445774").PN.) (("4916733" \| "5692030" \| "5721913" \| "5778049" \| "5926100" \| "5946372").PN.) 6219648.URPN. (("4949248" \| "5077790" \| "5367667" \| "5404295" \| "5444823" \| "5526409" \| "5539886" \| "5621789" \| "5903642" \| "5924069" \| "6011844" \| "6115040" \| "6119247" \| "6144670" \| "6145001" \| "6151601").PN.) 6230287.URPN. (((("4893248" \| "5131020" \| "5287270" \| | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/09/10 09:10 |

| | | | | |
|---|---|---|---|---|
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| | | 505 | (("4893248" \| "5131020" \| "5287270" \| "5325290" \| "5452446" \| "5475836" \| "5483596" \| "5491779" \| "5530744" \| "5548726" \| "5563805" \| "5602918" \| "5621727" \| "5623601" \| "5649182" \| "5666481" \| "5671354" \| "5689645" \| "5692030" \| "5696906" \| "5699403" \| "5706502" \| "5708780" \| "5721908" \| "5721913" \| "5727129" \| "5734709" \| "5734831" \| "5742762" \| "5742768" \| "5742905" \| "5745754" \| "5754830" \| "5764756" \| "5768501" \| "5774660" \| "5778178" \| "5781550" \| "5781632" \| "5787160" \| "5790780" \| "5790789" \| "5790797" \| "5793694" \| "5793762" \| "5793964" \| "5796393" \| "5799154" \| "5802320" \| "5805803" \| "5812654" \| "5815080" \| "5815665" \| "5819225" \| "5819271" \| "5826029" \| "5826269" \| "5835084" \| "5844896" \| "5845067" \| "5845267" \| "5850517" \| "5852810" \| "5852812" \| "5877759" \| "5909679").PN.) 6032184.URPN. (("4356545" \| "5274803" \| "5287505" \| "5367667" \| "5563946" \| "5737726" \| "5768523" \| "5862322" \| "6151683").PN.) 6298457.URPN. (("4823343" \| "5084875" \| "5159685" \| "5317676" \| "5367667" \| "5455901" \| "5606674" \| "5608874").PN.) 6026500.URPN. (("5253184" \| "5311422" \| "5317725" \| "5333314").PN.) 5666481.URPN. (("4456994" \| "4517468" \| "4972453" \| "5394549" \| "5455933" \| "5469498" \| "5546502" \| "5829001" \| "5894573" \| "5901320" \| "5906656" \| "5919247" \| "5944839" \| "5960170" \| "5983364" \| "6026500" \| "6029258" \| "6035423" \| "6145096" \| "6247151" \| "6260048" \| "6298457" \| "6370542" \| "6473659" \| "6487677").PN.) (((("5596716") or ("5666481") or ("5963911") or ("6131112")).PN.) ((US-6735721-$ or US-6742141-$ or US-6769071-$).did.) "4654852".PN. 4823343.URPN. (("4464543" \| "5285494" \| "5937048" \| "5958010" \| "6032184" \| "6064304" \| "6064723" \| "6131112" \| "6134318" \| "6148335" \| "6219648").PN.) 6389426.URPN. (("4464543" \| "4937825" \| "5287505" \| "5295244" \| "5309448" \| "5333183" \| "5367667" \| "5446883" \| "5568618").PN.) 5862322.URPN. (("4464543" \| "4972453" \| "5784359" \| "5875242" \| "5896440" \| "5930333" \| "5946372" \| "5946375" \| "5953389" \| "6005920" \| "6032184" \| "6219648" \| "6230287").PN.) 6385298.URPN. (("4916733" \| "5463768" \| "5692030" \| "5721913" \| "5778049" \| "5926100" \| "5946372" \| "6032184").PN.) (("3783255" \| "3784801" \| "3805038" \| "4873687" \| "5182705" \| "5325517" \| "5367667" \| "5487148" \| "5551043" \| "5557515" \| "5603038" \| "5708775" \| "5742762" \| "5748884" \| "5758071" \| "5802304" \| "5815652" \| "5862322" \| "5893905" \| "5961594" \| "5996010" \| "6023507" \| "6026500" \| "6029258" \| "6047261" \| "6112235" \| "6145001" \| "6170067" \| "6199180" \| "6205579" \| "6219708" \| "6230286" \| "6230287" \| "6260048" \| "6260160" \| "6289378" \| "6308205" \| "6339789" \| "6363421" \| "6393475" \| "6430595" \| "6446134").PN.) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/09/10 09:14 |

| — | 1523 | (((((714/46).CCLS.) ((714/57).CCLS.) ((379/9.02).CCLS.) ((379/9.03).CCLS.) (("3242058" \| "4503535" \| "4510594" \| "4546467" \| "4660201" \| "4709365" \| "4769811" \| "4777595" \| "4807228" \| "4862461" \| "4967344" \| "4970714" \| "4993015" \| "5016243" \| "5031211" \| "5117352" \| "5155842" \| "5157667" \| "5161156" \| "5218712" \| "5271000" \| "5274638" \| "5289460" \| "5301185" \| "5307354" \| "5410650" \| "5487061" \| "5519693" \| "5522046" \| "5546391" \| "5590118" \| "5613069" \| "5640504" \| "5758053" \| "5784547" \| "5790530").PN.) 5968189.URPN. (("4635214" \| "5274674" \| "5315972" \| "5500940" \| "5621737" \| "5699365" \| "5740357" \| "5764651" \| "6314535" \| "6334193" \| "6345366" \| "6418542" \| "6421740").PN.) ((("5357611") or ("5594861") or ("5715496") or ("5862308") or ("6032001") or ("6205466") or ("6249812") or ("6446224")).PN.) ((("4041455") or ("5428619") or ("5483637") or ("5664093") or ("5666481") or ("5748880") or ("5819019") or ("5944782") or ("5968189") or ("5983364") or ("6000045") or ("6000046") or ("6401116") or ("6513129")).PN.) ((("6615374") or ("6636991")).PN.) ((("3999051") or ("4881230") or ("4932028") or ("5155731") or ("5226150") or ("5448725") or ("5506960") or ("5596716") or ("5699403") or ("5933592") or ("6006016") or ("6356282") or ("6513129")).PN.) ((("5748880") or ("5768501") or ("6601185") or ("6631409") or ("6694455")).PN.) ((("5494136") or ("3575589") or ("4617661") or ("6269460") or ("3786430") or ("4598356") or ("5007056") or ("3818199") or ("4497057") or ("6128017") or ("5299207") or ("5748880") or ("6000045") or ("5440688") or ("5479611") or ("5748883") or ("6148419") or ("6173422")).PN.) (("4992972" \| "5179695" \| "5239617" \| "5361361" \| "5388251" \| "5477447" \| "5644735" \| "5715415" \| "5754176" \| "5823781" \| "5877757" \| "5933140" \| "6098061" \| "6177932" \| "6208338" \| "6230287" \| "6236989" \| "6297822" \| "6300950" \| "6471521" \| "6477531" \| "6493000" \| "6535492").PN.) (("4232199" \| "4574167" \| "4782517" \| "4782519" \| "4922514" \| "4972453" \| "4991105" \| "5012511" \| "5054050" \| "5067009" \| "5086461" \| "5099436" \| "5121420" \| "5222125" \| "5224149" \| "5343461" \| "5347564" \| "5359646" \| "5375159" \| "5388189" \| "5392328" \| "5404389" \| "5416833" \| "5438606").PN.) 5687212.URPN. (("4464543" \| "4649515" \| "5159685" \| "5293585" \| "5483637" \| "5568491" \| "5687212" \| "5761502" \| "5920846" \| "5953389" \| "6198914" \| "6219648" \| "6389426" \| "6445774").PN.) (("4916733" \| "5692030" \| "5721913" \| "5778049" \| "5926100" \| "5946372").PN.) 6219648.URPN. (("4949248" \| "5077790" \| "5367667" \| "5404295" \| "5444823" \| "5526409" \| "5539886" \| "5621789" \| "5903642" \| "5924069" \| "6011844" \| "6115040" \| "6119247" \| "6144670" \| "6145001" \| "6151601").PN.) 6230287.URPN.) ((("4893248" \| "5131028" \| "5287270" \| "5325290" \| "5452446" \| "5475836" \| | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/09/10 09:15 |

| - | 710 | (714/48).CCLS. | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/09/10<br>09:15 |
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| - | 1095 | (714/4).CCLS. | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/09/10<br>09:15 |

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| - | 587 | (((714/48).CCLS.) not (((714/46).CCLS.) ((714/57).CCLS.) ((379/9.02).CCLS.) ((379/9.03).CCLS.) (("3242058" \| "4503535" \| "4510594" \| "4546467" \| "4660201" \| "4709365" \| "4769811" \| "4777595" \| "4807228" \| "4862461" \| "4967344" \| "4970714" \| "4993015" \| "5016243" \| "5031211" \| "5117352" \| "5155842" \| "5157667" \| "5161156" \| "5218712" \| "5271000" \| "5274638" \| "5289460" \| "5301185" \| "5307354" \| "5410650" \| "5487061" \| "5519693" \| "5522046" \| "5546391" \| "5590118" \| "5613069" \| "5640504" \| "5758053" \| "5784547" \| "5790530").PN.) 5968189.URPN. (("4635214" \| "5274674" \| "5315972" \| "5500940" \| "5621737" \| "5699365" \| "5740357" \| "5764651" \| "6314535" \| "6334193" \| "6345366" \| "6418542" \| "6421740").PN.) (((("5357611") or ("5594861") or ("5715496") or ("5862308") or ("6032001") or ("6205466") or ("6249812") or ("6446224")).PN.) (((("4041455") or ("5428619") or ("5483637") or ("5664093") or ("5666481") or ("5748880") or ("5819019") or ("5944782") or ("5968189") or ("5983364") or ("6000045") or ("6000046") or ("6401116") or ("6513129")).PN.) (((("6615374") or ("6636991")).PN.) (((("3999051") or ("4881230") or ("4932028") or ("5155731") or ("5226150") or ("5448725") or ("5506960") or ("5596716") or ("5699403") or ("5933592") or ("6006016") or ("6356282") or ("6513129")).PN.) (((("5748880") or ("5768501") or ("6601185") or ("6631409") or ("6694455")).PN.) (((("5494136") or ("3575589") or ("4617661") or ("6269460") or ("3786430") or ("4598356") or ("5007056") or ("3818199") or ("4497057") or ("6128017") or ("5299207") or ("5748880") or ("6000045") or ("5440688") or ("5479611") or ("5748883") or ("6148419") or ("6173422")).PN.) (("4992972" \| "5179695" \| "5239617" \| "5361361" \| "5388251" \| "5477447" \| "5644735" \| "5715415" \| "5754176" \| "5823781" \| "5877757" \| "5933140" \| "6098061" \| "6177932" \| "6208338" \| "6230287" \| "6236989" \| "6297822" \| "6300950" \| "6471521" \| "6477531" \| "6493000" \| "6535492").PN.) (("4232199" \| "4574167" \| "4782517" \| "4782519" \| "4922514" \| "4972453" \| "4991105" \| "5012511" \| "5054050" \| "5067009" \| "5086461" \| "5099436" \| "5121420" \| "5222125" \| "5224149" \| "5343461" \| "5347564" \| "5359646" \| "5375159" \| "5388189" \| "5392328" \| "5404389" \| "5416833" \| "5438606").PN.) 5687212.URPN. (("4464543" \| "4649515" \| "5159685" \| "5293585" \| "5483637" \| "5568491" \| "5687212" \| "5761502" \| "5920846" \| "5953389" \| "6198914" \| "6219648" \| "6389426" \| "6445774").PN.) (("4916733" \| "5692030" \| "5721913" \| "5778049" \| "5926100" \| "5946372").PN.) 6219648.URPN. (("4949248" \| "5077790" \| "5367667" \| "5404295" \| "5444823" \| "5526409" \| "5539886" \| "5621789" \| "5903642" \| "5924069" \| "6011844" \| "6115040" \| "6119247" \| "6144670" \| "6145001" \| "6151601").PN.) 6230287.URPN. ) (((("4893248" \| "5131020" \| "5287270" \| | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/09/10 10:36 |

| - | 965 | (((714/4).CCLS.) not (((714/48).CCLS.) (((714/46).CCLS.) ((714/57).CCLS.) ((379/9.02).CCLS.) ((379/9.03).CCLS.) (("3242058" \| "4503535" \| "4510594" \| "4546467" \| "4660201" \| "4709365" \| "4769811" \| "4777595" \| "4807228" \| "4862461" \| "4967344" \| "4970714" \| "4993015" \| "5016243" \| "5031211" \| "5117352" \| "5155842" \| "5157667" \| "5161156" \| "5218712" \| "5271000" \| "5274638" \| "5289460" \| "5301185" \| "5307354" \| "5410650" \| "5487061" \| "5519693" \| "5522046" \| "5546391" \| "5590118" \| "5613069" \| "5640504" \| "5758053" \| "5784547" \| "5790530").PN.) 5968189.URPN. (("4635214" \| "5274674" \| "5315972" \| "5500940" \| "5621737" \| "5699365" \| "5740357" \| "5764651" \| "6314535" \| "6334193" \| "6345366" \| "6418542" \| "6421740").PN.) ((("5357611") or ("5594861") or ("5715496") or ("5862308") or ("6032001") or ("6205466") or ("6249812") or ("6446224")).PN.) ((("4041455") or ("5428619") or ("5483637") or ("5664093") or ("5666481") or ("5748880") or ("5819019") or ("5944782") or ("5968189") or ("5983364") or ("6000045") or ("6000046") or ("6401116") or ("6513129")).PN.) ((("6615374") or ("6636991")).PN.) ((("3999051") or ("4881230") or ("4932028") or ("5155731") or ("5226150") or ("5448725") or ("5506960") or ("5596716") or ("5699403") or ("5933592") or ("6006016") or ("6356282") or ("6513129")).PN.) ((("5748880") or ("5768501") or ("6601185") or ("6631409") or ("6694455")).PN.) ((("5494136") or ("3575589") or ("4617661") or ("6269460") or ("3786430") or ("4598356") or ("5007056") or ("3818199") or ("4497057") or ("6128017") or ("5299207") or ("5748880") or ("6000045") or ("5440688") or ("5479611") or ("5748883") or ("6148419") or ("6173422")).PN.) (("4992972" \| "5179695" \| "5239617" \| "5361361" \| "5388251" \| "5477447" \| "5644735" \| "5715415" \| "5754176" \| "5823781" \| "5877757" \| "5933140" \| "6098061" \| "6177932" \| "6208338" \| "6230287" \| "6236989" \| "6297822" \| "6300950" \| "6471521" \| "6477531" \| "6493000" \| "6535492").PN.) (("4232199" \| "4574167" \| "4782517" \| "4782519" \| "4922514" \| "4972453" \| "4991105" \| "5012511" \| "5054050" \| "5067009" \| "5086461" \| "5099436" \| "5121420" \| "5222125" \| "5224149" \| "5343461" \| "5347564" \| "5359646" \| "5375159" \| "5388189" \| "5392328" \| "5404389" \| "5416833" \| "5438606").PN.) 5687212.URPN. (("4464543" \| "4649515" \| "5159685" \| "5293585" \| "5483637" \| "5568491" \| "5687212" \| "5761502" \| "5920846" \| "5953389" \| "6198914" \| "6219648" \| "6389426" \| "6445774").PN.) (("4916733" \| "5692030" \| "5721913" \| "5778049" \| "5926100" \| "5946372").PN.) 6219648.URPN. (("4949248" \| "5077790" \| "5367667" \| "5404295" \| "5444823" \| "5526409" \| "5539886" \| "5621789" \| "5903642" \| "5924069" \| "6011844" \| "6115040" \| "6119247" \| "6144670" \| "6145001" \| "6151601").PN.) 6230287.URPN. ) ((("4893248" \| "5131020" \| "5287270" \| | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/09/10 14:05 |

| - | 0 | 10/029799 | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/09/10<br>14:05 |
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| - | 0 | 10/084484 | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/09/10<br>14:05 |
| - | 3 | (("6681224") or ("6654742") or<br>("6377949")).PN. | USPAT;<br>US-PGPUB | 2004/09/10<br>17:01 |